

Ryan Ramirez

📍 Milwaukee, WI ✉ ryan.t.ramirez@proton.me ☎ (815) 450-9414 in [linkedin.com/in/ryan-ramirez](https://www.linkedin.com/in/ryan-ramirez)
🐙 github.com/ryan-t-ramirez

Summary Statement

Identity & Access Management Specialist with an M.S. in Computer & Information Science. Proficient in Okta configuration and Microsoft Entra ID administration. Skilled at designing and enforcing RBAC policies, implementing SSO/MFA, and automating user-lifecycle workflows to strengthen security posture and streamline operations.

Education

- | | | |
|-----------|---|----------|
| MS | Marquette University , Computer & Information Science | May 2025 |
| | <ul style="list-style-type: none">• GPA: 3.8/4.0• Specialization: Information Assurance & Cyber Defense (NCAE-C accredited) | |
| BS | Marquette University , Computer Science | May 2022 |
| | <ul style="list-style-type: none">• Minor: Data Science | |

Experience

- | | |
|---|----------------------------|
| Identity & Access Management Engineer, CDW | Chicago, IL
2022 – 2024 |
| <ul style="list-style-type: none">• Led IAM deployments for enterprise clients using Okta and Microsoft Entra ID• Developed and enforced RBAC policies to streamline identity workflows• Automated provisioning and deprovisioning with Okta Workflows• Integrated SSO/MFA across enterprise platforms to strengthen security posture• Maintained compliance through secure lifecycle and access governance processes | |
| Product Engineer, HIPAAChecker - Ubitrix / Marquette University | Spring 2025 |
| <ul style="list-style-type: none">• Conducted system testing and dashboard validation for HIPAA-compliance platform• Assessed vulnerabilities across Android, Django, Laravel, and Rails apps• Delivered product pitch for "dDream" at Marquette's Explorer Challenge 2.0 | |
| Teaching Assistant, GenCyber | Remote
Summer 2021 |
| <ul style="list-style-type: none">• Taught cybersecurity concepts including Kali Linux, Metasploit, and network mapping• Facilitated hands-on activities for high school students | |

Skills

Technology & Tools: IAM (Okta, Microsoft Entra ID), Git/GitHub, Linux/Kali, Windows, MacOS, React Native, Node.js, Pandas, numpy, scipy, Matplotlib, seaborn, Scikit-learn, LaTeX

Programming Languages: Python, SQL, PowerShell, R, Java, JavaScript, C, Bash

Projects

- | | |
|---|------------------|
| JobTracker - Automated Job Application Scraper | Personal Project |
| <ul style="list-style-type: none">• Developed a Google Apps Script tool to automate job application tracking in Google Sheets• Scrapes LinkedIn job postings to parse and populate metadata (Title, Company, | |

Location, Salary)

- Implements error handling and conditional formatting to flag failed scrapes or listings requiring manual review
- Tools: Google Apps Script (JavaScript)

dDream - Explorer Challenge 2.0 | Lead Presenter

Mar 2025

- Represented a student-led product team at Marquette University's annual innovation showcase
- Delivered a 5-minute pitch for "dDream," a smartphone-based platform for real-time physiological monitoring (Oxygen saturation, blood pressure, heart rate)
- Translated engineering and biomedical concepts into accessible language for a non-technical judging panel
- Designed a minimal 5-slide presentation deck focused on clarity, impact, and feasibility
- Received recognition for communicating technical depth under time constraints

Socioeconomic Crime Analysis

- Analyzed Milwaukee crime rates vs. median income using regression, geospatial visualizations, and demographic overlays
- Explored race and income correlations using Milwaukee WIBRS, census, and income datasets
- Tools: R, ggplot2, dplyr, tidyr, Census data, WIBR crime data

Certifications & Trainings

Okta Certified Professional

2022

Okta Workflows Automation Training - CDW

2023

OSCT Deep Learning Workshop - Marquette University

Mar 2025